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**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hideaki TESHIMA et al.

Group Art Unit: 2653

Application No.: 09/692,100 ✓

Examiner: Kim Kwok Chu

Filed: October 20, 2000

Docket No.: 107494

For: DISCONTINUOUS POSITION DETECTING DEVICE AND METHOD FOR  
DETECTING A DISCONTINUOUS POSITION

**RECEIVED**

SEP 27 2004

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the July 9, 2004 Office Action, and the interview held August 27, 2004,  
please consider the following:

**Amendments to the Specification;**

**Amendments to the Drawings** include attached replacement sheets; and

**Remarks.**